

Converting Colors

Hex(38102B)

Have a look what the booklet for
Hex(38102B) contains.

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Color

Hex(38102B)

Conversions

Conversions Part 1

Format	Color
Hex	38102B
RGB	56, 16, 43
RGB Percent	22%, 6%, 17%
CMY	0.7804, 0.9373, 0.8314
CMYK	0.00, 0.71, 0.23, 0.78
HSL	320°, 56%, 14%
HSV	320°, 71%, 22%
XYZ	2.2522, 1.3858, 2.4343
YIQ	31.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

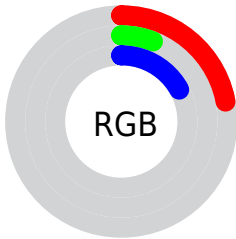
Format	Color
RYB	56, 16, 43
Decimal	3674155
CIELab	11.86, 23.52, -8.30
CIELCh	12, 24.939, 340.552
Yxy	1.3858, 0.3709, 0.2282
Android (android.graphics.Color)	4281864235 (0xFF38102B)
YUV	31.0380, 5.8973, 21.8917
Hunter-Lab	11.7718, 13.5506, -4.0202

Details

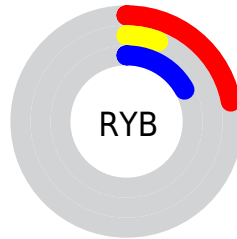
The Hex color **38102B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **10381D**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **693D58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **380A29**, and if you desaturate by 10%, it is **38162D**.

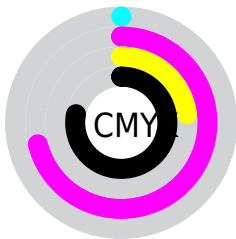
Distribution



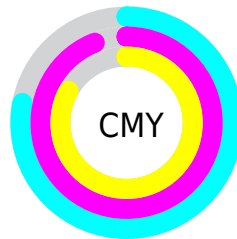
- Red (22%)
- Green (6%)
- Blue (17%)



- Red (22%)
- Yellow (6%)
- Blue (17%)



- Cyan (0%)
- Magenta (71%)
- Yellow (23%)
- Black (78%)



- Cyan (78%)
- Magenta (94%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38102B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 38102B by changing the saturation by 10% instead.

 38102B

 38102B

 FFF5FF

 240017

 693D58

 000000

 825571

 9D6D8A

 B887A5

 D4A1C0

 F1BDDC

 FFD9F8

 38102B

 38102B

■ 380A29

■ 38162D

■ 380527

■ 381B2F

■ 380026

■ 382130

■ 382632

■ 382C34

■ 383236

■ 383738

■ 383D3A

■ 38423B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



271839



38102B



3E0D1A

Triad

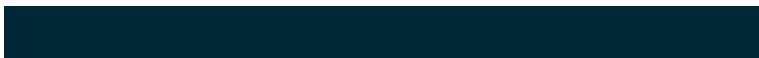
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38102B



232000



002735

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38102B



10381D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002725



38102B



112400

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38102B



311A00



002613



00243F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38102B



3C100D



002613



002730

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38102B



4A3A45



1D1038



261D23



A6A6A6



262626

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38102B



4A0A35



381017



1C191B



5C003E



DB0094

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38102B



4A0A35



103831



1C191B



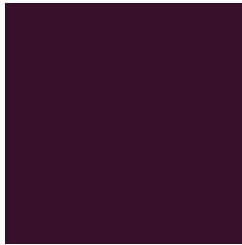
5C003E



DB0094

Previews

White Background



This preview shows how the Hex color 38102B looks on a white background.

Color Contrast Check

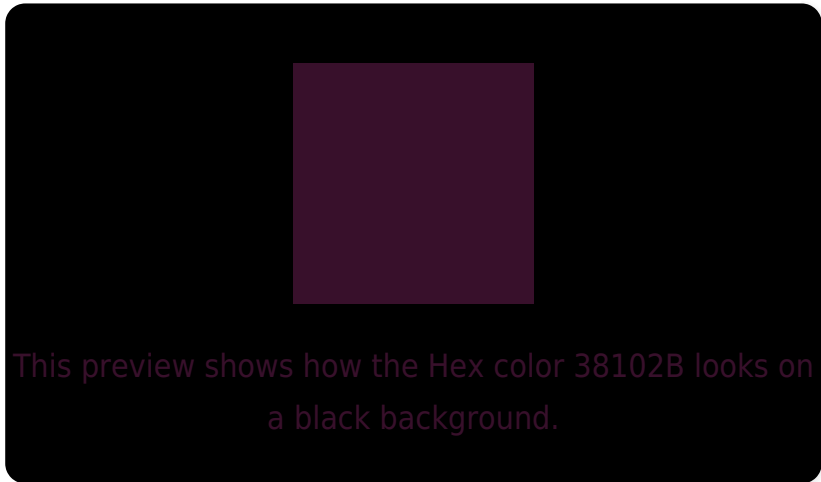
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

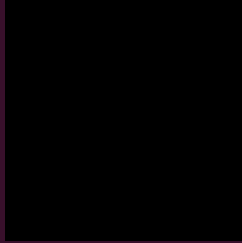
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 38102B Background



This preview shows how black text looks on a background with the Hex color 38102B.



This preview shows how white text looks on a background with the Hex color 38102B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
38102B

Protanopia
172037

Deuteranopia
202029



Tritanopia
361617

Trichromacy



Original Color
38102B

Protanomaly
231A33

Deuteranomaly
291A2A

Tritanomaly
37141E

Monochromacy



Original Color
38102B

Achromatopsia
1F1F1F

Achromatomaly
281A23

CSS Examples

Text

The CSS property to change the color of the text to Hex 38102B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #38102B looks like.

```
.text, #text, p{  
    color:#38102B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #38102B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38102B
}
```

Border

The CSS property to change the border of an element to Hex 38102B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

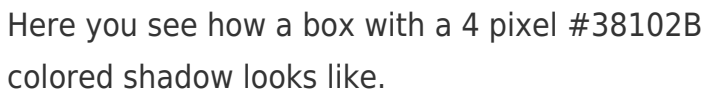
```
.border, #border, table{ border:4px solid
#38102B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#38102B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #38102B colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38102B; -webkit-box-shadow:4px 4px  
4px 4px #38102B; box-shadow:4px 4px 4px  
4px #38102B }
```

Background

The CSS property to change the background color of an element to Hex 38102B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38102B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#38102B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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